

25775-czaza1.ST25.txt
SEQUENCE LISTING



<110> Vogel et al., Tikva

<120> FIBRIN BINDING DOMAIN POLYPEPTIDES AND USES AND METHODS OF PRODUCING SAME

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<140> US 09/492,971

<141> 2000-01-27

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<170> PatentIn version 3.1

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25775-czazal.ST25.txt

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Page 2

25775-czazal.ST25.txt

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25775-czazal.ST25.txt

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35 40 45

Thr Cys Tyr Gly Gly Ser Arg Gly Phe Asn Cys Glu Ser Lys Pro Glu
50 55 60

25775-czaza1.ST25.txt

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Gly Asp Thr Tyr Glu Arg Pro Lys Asp Ser Met Ile Trp Asp Cys Thr
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Cys Ile Gly Ala Gly Arg Gly Arg Ile Ser Cys Thr Ile Ala Asn Arg
100 105 110

Cys His Glu Gly Gly Gln Ser Tyr Lys Ile Gly Asp Thr Trp Arg Arg
115 120 125

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Gly Lys Gly Glu Trp Thr Cys Lys Pro Ile Ala Glu Lys Cys Phe Asp
145 150 155 160

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165 170 175

Tyr Gln Gly Trp Met Met Val Asp Cys Thr Cys Leu Gly Glu Gly Ser
180 185 190

Gly Arg Ile Thr Cys Thr Ser Arg Asn Arg Cys Asn Asp Gln Asp Thr
195 200 205

Arg Thr Ser Tyr Arg Ile Gly Asp Thr Trp Ser Lys Lys Asp Asn Arg
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Gly Asn Leu Leu Gln Cys Ile Cys Thr Gly Asn Gly Arg Gly Glu Trp
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Lys Cys Glu Arg His Thr Ser Val Gln Thr Thr Ser Ser Gly Ser Gly
245 250 255

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Gln Pro Pro Pro Tyr Gly His Cys Val Thr Asp Ser Gly Val Val Tyr
275 280 285

Ser Val Gly Met Gln Trp Leu Lys Thr Gln Gly Asn Lys Gln Met Leu
290 295 300

Cys Thr Cys Leu Gly Asn Gly Val Ser Cys Gln Glu Thr Ala Val Thr
Page 5

25775-czazal.ST25.txt

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Lys Tyr Ser Phe Cys Thr Asp His Thr Val Leu Val Gln Thr Gln Gly
370 375 380
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420 425 430
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465 470 475 480
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485 490 495
Tyr Asn Val Asn Asp Thr Phe His Lys Arg His Glu Glu Gly His Met
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515 520 525
Pro Val Asp Gln Cys Gln Asp Ser Glu Thr Gly Thr Phe Tyr Gln Ile
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Gly Asp Ser Trp Glu Lys Tyr Val His Gly Val Arg Tyr Gln Cys Tyr
545 550 555 560

25775-czaza1.ST25.txt
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Tyr Pro Ser Ser Ser Gly Pro Val Glu Val Phe Ile Thr Glu Thr Pro
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595 600 605

His Ile Ser Lys Tyr Ile Leu Arg Trp Arg Pro Lys Asn Ser Val Gly
610 615 620

Arg Trp Lys Glu Ala Thr Ile Pro Gly His Leu Asn Ser Tyr Thr Ile
625 630 635 640

Lys Gly Leu Lys Pro Gly Val Val Tyr Glu Gly Gln Leu Ile Ser Ile
645 650 655

Gln Gln Tyr Gly His Gln Glu Val Thr Arg Phe Asp Phe Thr Thr Thr
660 665 670

Ser Thr Ser Thr Pro Val Thr Ser Asn Thr Val Thr Gly Glu Thr Thr
675 680 685

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690 695 700

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Tyr Leu Asp Leu Pro Ser Thr Ala Thr Ser Val Asn Ile Pro Asp Leu
740 745 750

Leu Pro Gly Arg Lys Tyr Ile Val Asn Val Tyr Gln Ile Ser Glu Asp
755 760 765

Gly Glu Gln Ser Leu Ile Leu Ser Thr Ser Gln Thr Thr Ala Pro Asp
770 775 780

Ala Pro Pro Asp Pro Thr Val Asp Gln Val Asp Asp Thr Ser Ile Val
785 790 795 800

Val Arg Trp Ser Arg Pro Gln Ala Pro Ile Thr Gly Tyr Arg Ile Val
805 810 815

25775-czazal.ST25.txt

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820 825 830

Thr Ala Asn Ser Val Thr Leu Ser Asp Leu Gln Pro Gly Val Gln Tyr
835 840 845

Asn Ile Thr Ile Tyr Ala Val Glu Glu Asn Gln Glu Ser Thr Pro Val
850 855 860

Val Ile Gln Gln Glu Thr Thr Gly Thr Pro Arg Ser Asp Thr Val Pro
865 870 875 880

Ser Pro Arg Asp Leu Gln Phe Val Glu Val Thr Asp Val Lys Val Thr
885 890 895

Ile Met Trp Thr Pro Pro Glu Ser Ala Val Thr Gly Tyr Arg Val Asp
900 905 910

Val Ile Pro Val Asn Leu Pro Gly Glu His Gly Gln Arg Leu Pro Ile
915 920 925

Ser Arg Asn Thr Phe Ala Glu Val Thr Gly Leu Ser Pro Gly Val Thr
930 935 940

Tyr Tyr Phe Lys Val Phe Ala Val Ser His Gly Arg Glu Ser Lys Pro
945 950 955 960

Leu Thr Ala Gln Gln Thr Thr Lys Leu Asp Ala Pro Thr Asn Leu Gln
965 970 975

Phe Val Asn Glu Thr Asp Ser Thr Val Leu Val Arg Trp Thr Pro Pro
980 985 990

Arg Ala Gln Ile Thr Gly Tyr Arg Leu Thr Val Gly Leu Thr Arg Arg
995 1000 1005

Gly Gln Pro Arg Gln Tyr Asn Val Gly Pro Ser Val Ser Lys Tyr
1010 1015 1020

Pro Leu Arg Asn Leu Gln Pro Ala Ser Glu Tyr Thr Val Ser Leu
1025 1030 1035

Val Ala Ile Lys Gly Asn Gln Glu Ser Pro Lys Ala Thr Gly Val
1040 1045 1050

Phe Thr Thr Leu Gln Pro Gly Ser Ser Ile Pro Pro Tyr Asn Thr
1055 1060 1065

25775-czaa1.ST25.txt

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1100 1105 1110

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Arg Asp Gly Gln Glu Arg Asp Ala Pro Ile Val Asn Lys Val Val
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Asp Ile Thr Gly Tyr Arg Ile Thr Thr Thr Pro Thr Asn Gly Gln
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Gln Gly Asn Ser Leu Glu Glu Val Val His Ala Asp Gln Ser Ser
1190 1195 1200

Cys Thr Phe Asp Asn Leu Ser Pro Gly Leu Glu Tyr Asn Val Ser
1205 1210 1215

Val Tyr Thr Val Lys Asp Asp Lys Glu Ser Val Pro Ile Ser Asp
1220 1225 1230

Thr Ile Ile Pro Ala Val Pro Pro Pro Thr Asp Leu Arg Phe Thr
1235 1240 1245

Asn Ile Gly Pro Asp Thr Met Arg Val Thr Trp Ala Pro Pro Pro
1250 1255 1260

Ser Ile Asp Leu Thr Asn Phe Leu Val Arg Tyr Ser Pro Val Lys
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Asn Glu Glu Asp Val Ala Glu Leu Ser Ile Ser Pro Ser Asp Asn
1280 1285 1290

Ala Val Val Leu Thr Asn Leu Leu Pro Gly Thr Glu Tyr Val Val
Page 9

25775-czazal.ST25.txt

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Ser Val Ser Ser Val Tyr Glu Gln His Glu Ser Thr Pro Leu Arg
1310 1315 1320

Gly Arg Gln Lys Thr Gly Leu Asp Ser Pro Thr Gly Ile Asp Phe
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Arg Ala Thr Ile Thr Gly Tyr Arg Ile Arg His His Pro Glu His
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Gly Asn Ser Pro Val Gln Glu Phe Thr Val Pro Gly Ser Lys Ser
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1475 1480 1485

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Lys Pro Ile Ser Ile Asn Tyr Arg Thr Glu Ile Asp Lys Pro Ser
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Gln Met Gln Val Thr Asp Val Gln Asp Asn Ser Ile Ser Val Lys
1520 1525 1530

25775-czazal.ST25.txt

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Thr Pro Lys Asn Gly Pro Gly Pro Thr Lys Thr Lys Thr Ala Gly
1550 1555 1560

Pro Asp Gln Thr Glu Met Thr Ile Glu Gly Leu Gln Pro Thr Val
1565 1570 1575

Glu Tyr Val Val Ser Val Tyr Ala Gln Asn Pro Ser Gly Glu Ser
1580 1585 1590

Gln Pro Leu Val Gln Thr Ala Val Thr Asn Ile Asp Arg Pro Lys
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Gly Leu Ala Phe Thr Asp Val Asp Val Asp Ser Ile Lys Ile Ala
1610 1615 1620

Trp Glu Ser Pro Gln Gly Gln Val Ser Arg Tyr Arg Val Thr Tyr
1625 1630 1635

Ser Ser Pro Glu Asp Gly Ile His Glu Leu Phe Pro Ala Pro Asp
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Gly Glu Glu Asp Thr Ala Glu Leu Gln Gly Leu Arg Pro Gly Ser
1655 1660 1665

Glu Tyr Thr Val Ser Val Val Ala Leu His Asp Asp Met Glu Ser
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Gln Pro Leu Ile Gly Thr Gln Ser Thr Ala Ile Pro Ala Pro Thr
1685 1690 1695

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1700 1705 1710

Trp Thr Pro Pro Asn Val Gln Leu Thr Gly Tyr Arg Val Arg Val
1715 1720 1725

Thr Pro Lys Glu Lys Thr Gly Pro Met Lys Glu Ile Asn Leu Ala
1730 1735 1740

Pro Asp Ser Ser Ser Val Val Ser Gly Leu Met Val Ala Thr
1745 1750 1755

Lys Tyr Glu Val Ser Val Tyr Ala Leu Lys Asp Thr Leu Thr Ser
1760 1765 1770

25775-czaa1.ST25.txt

Arg Pro Ala Gln Gly val val Thr Thr Leu Glu Asn val Ser Pro
1775 1780 1785

Pro Arg Arg Ala Arg Val Thr Asp Ala Thr Glu Thr Thr Ile Thr
1790 1795 1800

Ile Ser Trp Arg Thr Lys Thr Glu Thr Ile Thr Gly Phe Gln val
1805 1810 1815

Asp Ala Val Pro Ala Asn Gly Gln Thr Pro Ile Gln Arg Thr Ile
1820 1825 1830

Lys Pro Asp Val Arg Ser Tyr Thr Ile Thr Gly Leu Gln Pro Gly
1835 1840 1845

Thr Asp Tyr Lys Ile Tyr Leu Tyr Thr Leu Asn Asp Asn Ala Arg
1850 1855 1860

Ser Ser Pro Val Val Ile Asp Ala Ser Thr Ala Ile Asp Ala Pro
1865 1870 1875

Ser Asn Leu Arg Phe Leu Ala Thr Thr Pro Asn Ser Leu Leu Val
1880 1885 1890

Ser Trp Gln Pro Pro Arg Ala Arg Ile Thr Gly Tyr Ile Ile Lys
1895 1900 1905

Tyr Glu Lys Pro Gly Ser Pro Pro Arg Glu Val Val Pro Arg Pro
1910 1915 1920

Arg Pro Gly Val Thr Glu Ala Thr Ile Thr Gly Leu Glu Pro Gly
1925 1930 1935

Thr Glu Tyr Thr Ile Tyr Val Ile Ala Leu Lys Asn Asn Gln Lys
1940 1945 1950

Ser Glu Pro Leu Ile Gly Arg Lys Lys Thr Asp Glu Leu Pro Gln
1955 1960 1965

Leu Val Thr Leu Pro His Pro Asn Leu His Gly Pro Glu Ile Leu
1970 1975 1980

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Gly Tyr Asp Thr Gly Asn Gly Ile Gln Leu Pro Gly Thr Ser Gly
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25775-cza1.ST25.txt

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2015 2020 2025

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2060 2065 2070

Ile Ile Ser Cys His Pro Val Gly Thr Asp Glu Glu Pro Leu Gln
2075 2080 2085

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Page 13

25775-cza1al.ST25.txt

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2245

2250

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25775-czaza1.ST25.txt

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25775-czazal.ST25.txt

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25775-czazal.ST25.txt

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25775-czazal.ST25.txt

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